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(54) Title: **BRANCHED POLYPROPYLENE**

(57) **Abstract:** Provided is a method for the production of a polypropylene comprising branches in the polymer backbone, which method comprises: (a) forming macromers from an olefin monomer; and (b) polymerising propylene in the presence of the macromers and a catalyst, under polymerising conditions which favour the incorporation of the macromers into the polypropylene backbone, to form a branched polypropylene; wherein the catalyst employed in step (a) comprises a metallocene catalyst which promotes a chain terminating Palkyl elimination reaction to form terminal unsaturated groups in the macromers.

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